




PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Michael Malcolm, et al.	Group Art Unit: 2787 Examiner: Wang, M. 
Serial No.: 09/093,533	
Filed: June 8, 1998	
Title: Network Object Cache Engine	
Attorney Docket No.: CASH-001	

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:
 - ☐ Certification under 37 CFR 1.97(e), or
 - ☒ a \$240.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
 - ☐ Certification under 37 CFR 1.97(e), and
 - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
 - ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 6/16/2000

Typed Name: Roberta D. Roberts

Signature: Roberta D. Roberts

John C. Merchant

John C. Merchant

Attorney/Agent for Applicant(s)

Reg. No. 45,996

Date:

6-15-00

Telephone No.: 650-947-0700



22883

PATENT TRADEMARK OFFICE

ATTY. DOCKET NO. CASH-001

SERIAL NO. 09/093.533

APPLICANT Michael Malcolm, et al.

FILING DATE June 8, 1998

GROUP

2787

REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS
1	1,200,000
2	1,200,000
3	1,200,000
4	1,200,000
5	1,200,000
6	1,200,000
7	1,200,000
8	1,200,000
9	1,200,000
10	1,200,000
11	1,200,000
12	1,200,000
13	1,200,000
14	1,200,000
15	1,200,000
16	1,200,000
17	1,200,000
18	1,200,000
19	1,200,000
20	1,200,000
21	1,200,000
22	1,200,000
23	1,200,000
24	1,200,000
25	1,200,000
26	1,200,000
27	1,200,000
28	1,200,000
29	1,200,000
30	1,200,000
31	1,200,000
32	1,200,000
33	1,200,000
34	1,200,000
35	1,200,000
36	1,200,000
37	1,200,000
38	1,200,000
39	1,200,000
40	1,200,000
41	1,200,000
42	1,200,000
43	1,200,000
44	1,200,000
45	1,200,000
46	1,200,000
47	1,200,000
48	1,200,000
49	1,200,000
50	1,200,000
51	1,200,000
52	1,200,000
53	1,200,000
54	1,200,000
55	1,200,000
56	1,200,000
57	1,200,000
58	1,200,000
59	1,200,000
60	1,200,000
61	1,200,000
62	1,200,000
63	1,200,000
64	1,200,000
65	1,200,000
66	1,200,000
67	1,200,000
68	1,200,000
69	1,200,000
70	1,200,000
71	1,200,000
72	1,200,000
73	1,200,000
74	1,200,000
75	1,200,000
76	1,200,000
77	1,200,000
78	1,200,000
79	1,200,000
80	1,200,000
81	1,200,000
82	1,200,000
83	1,200,000
84	1,200,000
85	1,200,000
86	1,200,000
87	1,200,000
88	1,200,000
89	1,200,000
90	1,200,000
91	1,200,000
92	1,200,000
93	1,200,000
94	1,200,000
95	1,200,000
96	1,200,000
97	1,200,000
98	1,200,000
99	1,200,000
100	1,200,000

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Michael Baentsch, et al.: "World Wide Web Caching: The Application-Level View Of The Internet", IEEE Communications Magazine, Pages 170-178, June 1997.
		Syam Gadde, et al.: "Reduce, Reuse, Recycle: An Approach To Building Large Internet Caches", Pages 93-98, May 1997.
		A. Ortega, et al., "Soft Caching: Web Cache Management Techniques For Images, Multimedia Signal Processing, Page(s) 475-480, June 1997.

EXAMINER

DATE CONSIDERED

Michael Malcolm, et al.

June 8, 1998

2756